



Product Specification

Product Name: TRICHLOROETHYLENE TG

Alternate Name(s) Ethylene trichloride

Description

Colourless liquid; ethereal, sweet, chloroform-like odour; hygroscopic.

Properties

Chemical Formula: $\text{Cl}_2\text{C}:\text{CHCl}$

Molecular Weight: 131.39

Product Code: TT039

CAS No. 79-01-6

General Information:

Decomposed slowly by light in presence of moisture. Incompatible with aluminium powder, granular barium or magnesium, strong bases and strong oxidising agents. May cause cancer.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 1710
Hazchem code: 2Z
CS MSDS Code: 1CH83
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Specific gravity (20 °C/20 °C)	1.460 - 1.475
Color (HAZEN)	≤ 15
Water content	≤ 0.01 %
Acidity (as HCl)	≤ 0.01 %
Alkalinity (as NaOH)	≤ 0.01 %
Non-volatile matter	≤ 0.01 %
Free chlorine	Passes test
pH	9.0 - 11.0
Accelerated oxidation test (acidity as HCl)	≤ 0.02 %
Distillation test	
Initial boiling point	≥ 85.5 °C
95V/V% distilling temp.	≥ 88.5 °C
Dry point	≤ 91.0 °C

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